

IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)	MMB Docket No. 1671-0279
)	
Orban et al.)	J&J Reference: DEP 5161
)	
Application No. 10/730,423)	Examiner: K. White
)	
Filed: December 8, 2003)	Group Art Unit: 3738
)	
Title: Implant Device for Cartilage)	
Regeneration in Load Bearing)	
Articulation Regions)	

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 8, 2004
(Date of Deposit)

Paul J. Maginot

Name of person mailing Document or Fee

Paul J. Maginot
Signature of person mailing Document or Fee

October 8, 2004

Date of Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, Applicants hereby disclose the references listed below and identified on the attached PTO Form 1449. Copies of the foreign references and articles identified below are enclosed regarding the above-identified patent application.

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
5,116,374	05/26/1992	Stone
5,306,311	04/26/1994	Stone et al.
5,624,463	04/29/1997	Stone et al.
5,679,723	10/21/1997	Cooper et al.
5,713,374	02/03/1998	Pachence et al.
5,747,390	05/05/1998	Cooper et al.
5,919,234	07/06/1999	Lemperle et al.
6,080,194	07/27/2000	Pachence et al.
6,371,958	04/16/2002	Overaker
6,387,693	05/14/2002	Rieser et al.
6,444,222	09/03/2002	Asculai et al.
6,451,059	09/17/2002	Janas et al.
6,511,511	01/28/2003	Slivka et al.
6,530,956	03/11/2003	Mansmann
6,575,986	07/10/2003	Overaker
6,602,294	08/05/2003	Sittinger et al.

**U.S. Published
Applications**

2001/0039455	11/08/2001	Simon et al.
2001/0014473	08/16/2001	Rieser et al.
2001/0016353	08/23/2001	Jannas et al.
2002/0173855	11/21/2002	Mansmann
2002/0139147	10/03/2002	Janas et al.
2002/0119177	08/29/2002	Bowman et al.
2002/0120274	08/29/2002	Overaker et al.
2002/0090391	07/11/2002	Geistlich et al.
2002/0082694	06/27/2002	McKay
2003/0083665	05/01/2003	Re et al.
2003/0095994	05/22/2003	Geistlich et al.
2003/0075822	04/24/2003	Slivka et al.
2003/0033021	02/13/2003	Plouhar et al.
2003/0004578	01/02/2003	Brown et al.
2003/0003153	01/02/2003	Asculai et al.
2003/0003127	01/02/2003	Brown et al.
2003/0108587	06/12/2003	Orgill et al.

**Foreign Patent
Applications**

0 324 852 B1	July 26, 1989	Europe
0 461 201 B1	December 18, 1991	Europe
1 129 675 A2	September 5, 2001	Europe
1 277 450 A3	January 22, 2003	Europe
1 234 552 A1	August 28, 2002	Europe
1 270 025 A2	January 2, 2003	Europe
WO 90/09769	September 7, 1990	PCT
WO 96/24304	August 15, 1996	PCT
WO 96/24310	August 15, 1996	PCT
WO 97/45147	December 4, 1997	PCT
WO 98/07384	February 26, 1998	PCT
WO 98/51317	November 19, 1998	PCT
WO 98/53768	December 3, 1998	PCT
WO 00/45870	August 10, 2000	PCT
WO 00/45871	August 10, 2000	PCT
WO 00/47244	August 17, 2000	PCT
WO 02/070030A1	September 12, 2000	PCT
WO 01/02030A2	January 11, 2001	PCT
WO 01/32072A2	May 10, 2001	PCT
WO 02/071985A1	September 19, 2002	PCT
WO 03/007787 A2	January 30, 2003	PCT
WO 03/007879 A2	January 30, 2003	PCT

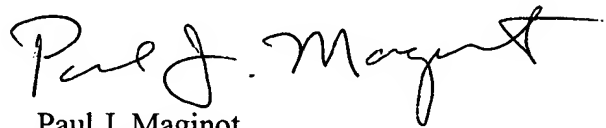
Articles

1. Grigolo, Brunella et al., "Transplantation of Chondrocytes Seeded on a Hyaluronan Derivative (Hyaff®-11) into Cartilage Defects in Rabbits", *Biomaterials*, 22(2001), Elsevier Science Ltd., Pages 2417-2424; 2001.
2. Jackson, D.W. et al., "Spontaneous Repair of Full-Thickness Defects of Articular Cartilage in a Goat Model", *The Journal of Bone & Joint Surgery*, Vol. 83-A, No. 1, January 2001, Pages 53-64.
3. Breinan, H.A. et al., "Effect of Cultured Autologous Chondrocytes on Repair of Chondral Defects in a Canine Model", *Journal of Bone and Joint Surgery-American*, October 1997, Vol. 79-A, No. 10, Pages 1439-1451.

It is believed that no fees are due for the consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency or to credit any overpayment to Deposit Account No. 13-0014, but not to include any payment of issue fees.

Respectfully submitted,

MAGINOT, MOORE & BECK LLP

A handwritten signature in cursive script, reading "Paul J. Maginot". The signature is written in black ink and is positioned above the printed name and title.

Paul J. Maginot
Attorney for Applicants
Registration No. 34,984

October 8, 2004

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

MMB DOCKET NO. 1671-0279

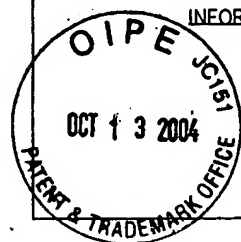
J&J Reference: DEP 5161

APPLICATION NO. 10/730,423

APPLICANTS: Orban et al.

FILING DATE: December 8, 2003

GROUP ART UNIT: 3738



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	5,116,374	05/26/1992	Stone			
	AB	5,306,311	04/26/1994	Stone et al.			
	AC	5,624,463	04/19/1997	Stone et al.			
	AD	5,679,723	10/21/1997	Cooper et al.			
	AE	5,713,374	02/03/1998	Pachence et al.			
	AF	5,747,390	05/05/1998	Cooper et al.			
	AG	5,919,234	07/06/1999	Lemperle et al.			
	AH	6,080,194	07/27/2000	Pachence et al.			
	AI	6,371,958	04/16/2002	Overaker			
	AJ	6,387,693	05/14/2002	Rieser et al.			
	AK	6,444,222	09/03/2002	Asculai et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL	0 324 852 B1	July 26, 1989	Europe			Yes No
	AM	0 461 201 B1	December 18, 1991	Europe			Yes No
	AN	1 129 675 A2	September 5, 2001	Europe			Yes No
	AO	1 277 450 A3	January 22, 2003	Europe			Yes No
	AP	1 234 552 A1	August 28, 2002	Europe			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AQ	1	Grigolo, Brunella et al., "Transplantation of Chondrocytes Seeded on a Hyaluronan Derivative (Hyaff®-11) into Cartilage Defects in Rabbits", Biomaterials, ©2001, Elsevier Science Ltd., Pages 2417-2424; 2001.
	AR	1	Jackson, D.W. et al., "Spontaneous Repair of Full-Thickness Defects of Articular Cartilage in a Goat Model", The Journal of Bone & Joint Surgery, Vol. 83-A, No. 1, January 2001, Pages 53-64.
	AS	1	Breinan, H.A. et al., "Effect of Cultured Autologous Chondrocytes on Repair of Chondral Defects in a Canine Model", Journal of Bone and Joint Surgery-American, October 1997, Vol. 79-A, No. 10, Pages 1439-1451.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1671-0279 J&J Reference: DEP 5161	APPLICATION NO. 10/730,423
	APPLICANTS: Orban et al.	
	FILING DATE: December 8, 2003	GROUP ART UNIT: 3738

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA	6,451,059	09/17/2002	Janas et al.			
	BB	6,511,511	01/28/2003	Slivka et al.			
	BC	6,530,956	03/11/2003	Mansmann			
	BD	6,575,986	07/10/2003	Overaker			
	BE	6,602,294	08/05/2003	Sittinger et al.			
	BF	2001/0039455	11/08/2001	Simon et al.			
	BG	2001/0014473	08/16/2001	Rieser et al.			
	BH	2001/0016353	08/23/2001	Jannas et al.			
	BI	2002/0173855	11/21/2002	Mansmann			
	BJ	2002/0139147	10/03/2002	Janas et al.			
	BK	2002/0119177	08/29/2002	Bowman et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL	1 270 025 A2	January 2, 2003	Europe			Yes No
	BM	WO 90/09769	September 7, 1990	PCT			Yes No
	BN	WO 96/24304	August 15, 1996	PCT			Yes No
	BO	WO 96/24310	August 15, 1996	PCT			Yes No
	BP	WO 97/45147	December 4, 1997	PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	BR	2	
	BS	2	

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	MMB DOCKET NO. 1671-0279 J&J Reference: DEP 5161	APPLICATION NO. 10730,423
	APPLICANTS: Orban et al.	
	FILING DATE: December 8, 2003	GROUP ART UNIT: 3738

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	CA	2002/0120274	08/29/2002	Overaker et al.			
	CB	2002/0090391	07/11/2002	Geistlich et al.			
	CC	2002/0082694	06/27/2002	McKay			
	CD	2003/0083665	05/01/2003	Re et al.			
	CE	2003/0095994	05/22/2003	Geistlich et al.			
	CF	2003/0075822	04/24/2003	Slivka et al.			
	CG	2003/0033021	02/13/2003	Plouhar et al.			
	CH	2003/0004578	01/02/2003	Brown et al.			
	CI	2003/0003153	01/02/2003	Asculai et al.			
	CJ	2003/0003127	01/02/2003	Brown et al.			
	CK	2003/0108587	06/12/2003	Orgill et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CL	WO 98/07384	February 26, 1998	PCT			Yes No
	CM	WO 98/51317	November 19, 1998	PCT			Yes No
	CN	WO 98/53768	December 3, 1998	PCT			Yes No
	CO	WO 00/45870	August 10, 2000	PCT			Yes No
	CP	WO 00/45871	August 10, 2000	PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	DA						
	DB						
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	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL	WO 00/47244	August 17, 2000	PCT			Yes No
	DM	WO 01/32072A2	May 10, 2001	PCT			Yes No
	DN	WO 01/02030 A2	January 11, 2001	PCT			Yes No
	DO	WO 02/070030 A1	September 12, 2000	PCT			Yes No
	DP	WO 02/071985 A1	September 19, 2002	PCT			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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	DK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL	WO 03/007787 A2	January 30, 2003	PCT			Yes No
	DM	WO 03/007879 A2	January 30, 2003	PCT			Yes No
	DN						Yes No
	DO						Yes No
	DP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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